

**ABSTRACT OF THE DISCLOSURE**

A motortricycle with oscillation mechanism including left and right suspension arms respectively swingably mounted onto a vehicle body frame, rear wheels mounted respectively onto the tip ends of the left and right suspension arms, an oscillation mechanism permitting leftward and rightward oscillation of the vehicle body frame relative to the side of the suspension arms provided between the side of the suspension arms and the side of the vehicle body frame, and an engine for driving the left and right rear wheels mounted onto the vehicle body frame. When a suspension spring is attached to the suspension arm side, the engine is not present on the suspension arm side, so that the under-spring weight can be largely reduced, and the riding comfort can be further enhanced.